



PATENT APPLICATION
CH-7906
LeA 36,417

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN APPLICATION OF)
KAREN PEILSTÖCKER ET AL)
SERIAL NO.: 10/718,758)
FILED: NOVEMBER 21, 2003)
TITLE: FLUORINATED BENZALDEHYDES)

INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. 1.97(b)

Commissioner for Patents
P. O. Box 1450
Alexandria, VA 22313-1450

Sir:

This disclosure statement under 37 CFR 1.97 & 1.98 is submitted before the first Office Action in order that the Patent and Trademark Office may consider the relevancy of certain information to the invention described and claimed in the subject application, and in compliance with the regulations concerning information disclosure statements. Enclosed are copies of the following:

- a) the background art as cited in the application (except for U.S. applications or patents);

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an enveloped addressed to: Commissioner for Patents, Alexandria, VA 22313-1450 July 20, 2004

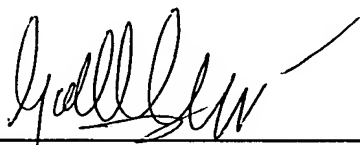
Godfried R. Akorli Reg No. 28,779
Name of applicant, assignee or Registered Representative
Signature
July 20, 2004
Date

- b) the Search Report received in the corresponding application pending in the European Patent Office ; and an English language translation thereof; and
- c) the documents cited by the European Patent Office in the Search Report (except the documents previously submitted) listed on the attached Form PTO-1449; and a corresponding Abstract of the Foreign Patent Documents listed on the attached Form PTO 1449.

This Information Disclosure Statement should not be construed as a representation that a search has been made, that additional information material to the examination of this application does not exist, that any reference mentioned herein constitutes prior art, or that the references listed, severally or in any combination with one another or with any other information, are believed to render any claim in the subject application prima facie unpatentable.

Respectfully submitted,

By



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Form PTO 1449 Rev. 7-80	U.S. Department of Commerce Patent and Trademark Office	Atty. Docket No. CH-7906/LeA 36,417	Serial No. 10/718,758
LIST OF PRIOR ART CITED BY APPLICANT (Use Several Sheets if Necessary)		Applicant Karen Peilstoecker et al	
		Filing Date November 21, 2003	Group

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA	4,388,472	06/14/83	Cartwright et al	560	21	
	AB	4,588,844	05/13/86	Bel. to corresp. to EP Kysela let al	0116323 568	41	
	AC	5,294,744	03/15/94	Bel. to corresp. to WO Godek et al	9424081 568	442	
	AD	5,955,495	09/21/99	Bel. to corresp. to WO Bös et al	9742183 514	469	
	AE	2004019113	01/29/04	Bel. to corresp. to WO Jozefiak et al	03057225 514	602	
	AF						
	AG						
	AH						
	AI						
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FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							Yes	No*
	AL	370219	10/11/89	Europe (Abstract Attached)	-			X
	AM	3836161	04/26/90	Germany (Abstract Attached)				X
	AN	01/19780	03/22/01	World (Abstract Attached)				X
	AO							
	AP							

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

	AR	ANDRIAMANANTENA, R. ET AL: "Antimalarial activities of new hydroxy(trifluoromethyl) benzylamine salts" EUROPEAN JOURNAL OF MEDICINAL CHEMISTRY, 26(5), 535-7 CODEN: EJMCA5; ISSN: 0223-5234, 1991, XP002273154 *das ganze Dokument*
	AS	BREAM, R.N. ET AL: "Synthesis of the beta2 agonist (R)-Salmeterol using a sequence of supported reagents and scavenging agents" ORGANIC LETTERS., Bd. 4, Nr. 22, 2002, Seiten 3793-3796. XP002273155 USACS, WASHINGTON, D.C. *Tabelle I, Verbindung 3 *
	AT	NELSON P. H. ET AL: "Structure-activity relationships for inhibition of inosine monophosphate dehydrogenase by nuclear variants of mycophenolic acid" JOURNAL OF MEDICINAL CHEMISTRY., Bd. 39, Nr. 21, 1996, Seiten 4181-4196, XP002273156 USAMERICAN CHEMICAL SOCIETY. WASHINGTON. *Seite 4190, Verbindung 32a; Seite 4192 und 4193, Zwischenprodukte für die Herstellung von (3j), (3k) und (3m) *

EXAMINER

DATE CONSIDERED

EXAMINER Initial if references considered, whether or not citation is in conformance with MPEP 609: Draw line through if not in conformance and not considered. Include copy of this form with next communication to applicant.

Neither English Language Equivalent nor an English Language Translation is available.

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	AO							
	AP							

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	AR		BECKER B. C. ET AL: "Stereochemistry of diphenyl. XXIV. Preparation and properties of 2,2'-difluoro-3,3'-dicarboxy-6,6'-dimethoxydiphenyl" JOURNAL OF THE AMERICAN CHEMICAL SOCIETY., Bd. 54, Nr. 7, 1932, Seiten 2973-2982, XP002273157 USAMERICAN CHEMICAL SOCIETY, WASHINGTON, DC. *Seite 2975 und 2982, Verbindung der Formel XIV *
	AS		FUKUHARA T. ET AL: "Facile preparation of aromatic fluorides by the fluorodediazoniation of Aromatic diazonium tetrafluoroborates using HF-pyridine solution" CHEMISTRY LETTERS., Nr. 6, 1994, Seiten 1011-1012, XP002273158 JPCHEMICAL SOCIETY OF JAPAN. TOKYO. *Tabelle I, vorletzte Verbindung*
	AT		LOCK G.: "Über die Abspaltung der Aldehydgruppe als Ameisensäure aus aromatischen Aldehyden, IV: Mitteil.: 2-Chlor-6-fluor- und 2,6-Difluorbenzaldehyd." CHEMISCHE BERICHTE., Bd. 69, Nr. 10, 1936, Seiten 2253-2258, XP002273159 DEVERLAG CHEMIE GMBH. WEINHEIM. *Seite 2256, letzte Absatz*

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	AN							
	AO							
	AP							

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	AR	ALLEN F. L. ET AL.: "Heterocyclic fluorine compounds-III Monofluoroxanthenes" TETRAHEDRON., Bd. 6, Nr. 4, 1959, Seiten 315-318, XP002273160 NLELSEVIER SCIENCE PUBLISHERS, AMSTERDAM. *Seite 316, "experimental" *
	AS	FUKUHARA T. ET AL: "The preparation of p-fluorophenols from p-aminophenols: diazotization and fluorodediazonation in Pyridine-HF" JOURNAL OF FLUORINE CHEMISTRY., Bd. 51, Nr. 2, 1991, Seiten 299-304, XP002273161 CHELSEVIER SEQUOIA. LAUSANNE. *Tabelle 1*
	AT	SHARMA, G.V.M. ET AL: " Synthesis of 5-fluorosalicyclic acid" SYNTHETIC COMMUNICATIONS, 30(3), 397-405 CODEN: SYNCAV; ISSN: 0039-7911, 2000, XP000802828 *Verbindung 3*
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	AN							
	AO							
	AP							

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	AR		BRYCKI B. ET AL.: "Preparation and NMR characterisation of hydrogen bonding in 2- and 2,6-bis-(N,N-diethylaminomethyl)-4R-phenols: JOURNAL OF MOLECULAR STRUCTURE, Bd. 246, Nr. 1, 1991, Seiten 61-71, XP000802828 NLELSEVIER, AMSTERDAM. *Seite 62 *
	AS		Suzuki et al., Chem. Pharm. Bull. 1963, 31(5), pp. 1751-1753, "Formylation of Phenols with Electron-withdrawing Groups in Strong Acids. Synthesis of Substituted Salicylaldehydes"
	AT		

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